PART 13. PUBLICATIONS, PRESENTATIONS and ARTICLES

1. PUBLICATIONS

1.1 Mission

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2. PRESENTATIONS

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4. New Millennium Program's First Earth Observing Mission (EO-1) – EO1 Results," GSFC Systems Engineering Seminar, June 2002.

2.2 Sensor Web/Test-Bed Initiatives

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2. **Chien, S.,** et al, "Using timely satellite data to autonomously trigger science observations," Direct Broadcast Meeting, Kohala Coast, HI, November 2003.
3. **Chien**, **S.,** et al, "Validating the EO-1 Autonomous Science Agent," Invited Talk presented by B. Cichy at the Workshop on Safe Agents, Melbourne, Australia, July 2003.
4. **Mandl, Dan,** "Experimenting With Sensor Webs Using EO-1," ASPRS Annual Conference, Anchorage, AK, May 2003.
5. **Sherwood, R.**, "Autonomous Science on the EO-1 Mission," AM Constellation Workshop, Buenos Aires, Argentina, December 2003.
6. **Sherwood, R.,** "The EO-1 Autonomous Science Agent," Invited Presentation at the Agents School of the Americas, concurrent with the International Joint Conference on Artificial Intelligence, Acapulco, Mexico, August, 2003.

2.3 Spacecraft Bus

1. "New Millennium Program's First Earth Observing Mision (EO-1) – Mission Technology Forum," Greenbelt, Maryland, August 2001.

2.4 Technology

2.4.1 Advanced Land Imager (ALI)

1. "New Millennium Program's First Earth Observing Mision (EO-1) – Mission Technology Forum," Greenbelt, Maryland, August 2001.
2. "EO-1 Hyperion & Advanced Land Imager (ALI) Data Users Workshop, BWI Airport Marriott, Baltimore, MD, November 2001.

2.4.2 Hyperion

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2. "New Millennium Program's First Earth Observing Mission (EO-1) – Mission Technology Forum," Greenbelt, MD, August 2001.
3. **Casement, S.,** "Hyperion Focal Plane Assembly Performance," EO-1 SVT Meeting in Tucson, AZ, May 2001.
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2.4.3 LEISA Atmospheric Corrector (LAC)

1. "New Millennium Program's First Earth Observing Mision (EO-1) – Mission Technology Forum," Greenbelt, Maryland, August 2001.

2.4.4 X-Band Phased Array Antenna (XPAA)

1. "New Millennium Program's First Earth Observing Mission (EO-1) – Mission Technology Forum," Greenbelt, Maryland, August 2001.

2.4.5 Wideband Advanced Recorder and Processor (WARP)

1. "New Millennium Program's First Earth Observing Mission (EO-1) – Mission Technology Forum," Greenbelt, Maryland, August 2001.

2.4.6 Enhanced Formation Flying (GSFC Algorithm)

1. "New Millennium Program's First Earth Observing Mission (EO-1) – Mission Technology Forum," Greenbelt, Maryland, August 2001.

2.4.7 Enhanced Formation Flying (JPL Algorithm)

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2.4.8 Pulsed Plasma Thruster (PPT)

1. "New Millennium Program's First Earth Observing Mission (EO-1) – Mission Technology Forum," Greenbelt, Maryland, August 2001.

2.4.9 Lightweight Flexible Solar Array (LFSA)

1. "New Millennium Program's First Earth Observing Mission (EO-1) – Mission Technology Forum," Greenbelt, Maryland, August 2001.

2.4.10 Carbon-Carbon Radiator (CCR)

1. "New Millennium Program's First Earth Observing Mission (EO-1) – Mission Technology Forum," Greenbelt, Maryland, August 2001.

2.4.11 LA-II Thermal Coating

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2.5 Science

CISRO EOC Annual Science Meeting, Canberra, Australia, 2001 and 2002

1. **Brando, V.E.**, A. Dekker, et al, "Satellite hyperspectral remote sensing for estimating estuarine and coastal water quality," CSIRO EOC Annual Science Meeting, Canberra, 2002.
2. **Campbell, S.**, G. Byrne, D.L.B. Jupp, E.A. King, J. Lovell, R.D. Graetz , P.S. Barry, P. Jarecke, and J. Pearlman "The Lake Frome field campaign in support of Hyperion instrument calibration & Validation," CSIRO EOC Annual Science Meeting, Canberra, 2001.
3. **Chewings, V.H.**, G.N. Bastin, J.E. Kinloch, and M.M. Crawford, "Characterisation of Vegetation Components in the Australian Arid Zone Using EO-1 Hyperion Imagery," CSIRO EOC Annual Science Meeting, Canberra, 2002.
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